

- 1 -
piece 1, NC_000913, aaeX_aaeR-, config: linear, direction: -, begin: 3387571, end: 3387340

5' *3387570 * *3387560 * *3387550 * *3387540 * *3387530 * *3387520 * *3387510 * *3387500 *
- lys - his - arg - his - ala - phe -
- asn - thr - asp - met - arg - phe - ser - arg - ser - ile - ile - his - ser - asp - leu - lys - val - ile -
- thr - pro - thr - cys - val - leu - val - val - pro - leu - phe - thr - leu - thr -
- lys - his - arg - his - ala - phe -
- asn - thr - asp - met - arg - phe - ser - arg - ser - ile - ile - his - ser - asp - leu - lys - val - ile -
- thr - pro - thr - cys - val - leu - val - val - pro - leu - phe - thr - leu - thr -

... -----] NC_000913.aaeR

p35 2.7 bits

p10 6.3 bits

{ } p35-(21)-p10 3387506 Gap 3.3 bits
p35-p10 3387506 total 5.7 bits

{ } p35 1.5 bits

{ } ... p35-(24)-p10 3387477 Gap 5.4 bits
... p35-p10 3387477 total 5.4 bits

5' *3387490 * *3387480 * *3387470 * *3387460 * *3387450 * *3387440 * *3387430 * *3387420 * *3387410
- lys - his - arg - his - ala - phe -
- fMet - leu - leu - ser - pro - gly - phe - pro - cys - pro - ser - leu - arg - arg -
- fMet - pro - phe - ser - ala - ala - thr -

p10 6.3 bits

... sd

{ } ... sd-(7)-ir 3387406 Gap 3.7 bits
... ... sd-ir 3387406 aaeX_aaeR-

... -----] p35-(24)-p10 3387477 Gap 2.4 bits
... -----] p35-p10 3387477 total 5.4 bits

5' *3387400 * *3387390 * *3387380 * *3387370 * *3387360 * *3387350 * *3387340
- gln - met - leu - lys - ile - ile - thr - pro - ala - leu - ser - leu - gln - pro - arg - ser - thr -
- asp - ala - glu - asn - asn - ala - cys - ser - leu - phe - thr - lys - val - asn - met - ser - leu - phe - pro - val -

... sd

[-----] ... NC_000913.aaeX

... -----] sd-(7)-ir 3387406 Gap 3.7 bits

sd [##> orf 17 codons

... -----] sd-ir 3387406 aaeX_aaeR- total 5.4 bits

ir aaeX_aaeR-

{ } ... sd-(6)-ir 3387359 Gap 4.3 bits

| -----| sd-ir 3387359 aaeX_aaeR- total 8.4 bits

ir aaeX_aaeR-